

**ABSTRACT**

A method of determining a start of scan time in a laser scanning system utilizing a scanning reflector, comprising:

directing a laser beam toward the scanning reflector so as to be reflected by the scanning reflector;

returning the laser beam reflected from the scanning reflector toward the scanning reflector for at least one additional reflection from the scanning reflector;

detecting the laser beam reflected at least twice from the scanning reflector; and

controlling the start of scan of the scanning system, responsive to the detection of the laser beam.